VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Belagavi – 590018, Karnataka State, India

PROJECT ENTITLED

"HYBRID SOCIAL NETWORK FEED GENERATION ALGORITHM"

Submitted in partial fulfilment of the requirements for the award of degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

For the academic year 2017-2018

Submitted by:

Akhil S	**(1MV14CS009)**
Devipriya Sarkar	**(1MV14CS033)**
Praveen Kumar G	**(1MV14CS074)**
Ravikiran R	**(1MV14CS085)**

Project Carried out at

Sir M. Visvesvaraya Institute of Technology

Bengaluru - 562157

Under Guidance of

Mrs. Sushila Shidnal

Assistant Professor

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is certified that the project work entitled "**HYBRID SOCIAL NETWORK FEED GENERATION ALGORITHM**" is carried out by **Akhil S (1MV14CS009), Devipriya Sarkar (1MV14CS033), Praveen Kumar G (1MV14CS074), Ravikiran R (1MV14CS085)** bonafide students of **Sir M Visvesvaraya Institute of Technology** in partial fulfilment for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** during the year **2017-2018**. It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the course of Bachelor of Engineering.

Name & Signature of Guide	Name & Signature of HOD	Name & Signature of Principal
Mrs. Sushila Shidnal Asst. Prof & Internal Guide Dept. Of CSE, Sir MVIT Bengaluru - 562157	**Prof. Dilip K. Sen** HOD, Dept. Of CSE, Sir MVIT Bengaluru - 562157	**Dr. V.R. Manjunath** Principal, Sir MVIT Bengaluru - 562157

External Examination:

Name of Examiners Signature with Date

1)

2)

DECLARATION

We hereby declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.

Place: Bengaluru

Date:

Signature of Students:

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Akhil S (1MV14CS009)	Devipriya Sarkar (1MV14CS033)
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ABSTRACT

Existing user feed fetching and feed maintenance processes have been utilising Hybrid Push-Pull Data Distribution Models to handle user events. These distribution models have been characterised to have significantly high architectural complexity. And also the overall user specificity, processing efficiency and resource utilisation offered by these models can always be debated upon.

In this project we propose a Hybrid Feed Distribution Schema to handle this problem elegantly. Our model takes into account the frequency of query requests between individual users and classifies them into either a Push-Target user or Pull-Target user. The former is provided with prioritized data pushes and the latter with data pulls on user request basis. Thus enabling a user specific feed fetching model for data distribution.

We implement our model into a social network platform which we would deploy ourselves and demonstrate the proposed enhancement in feed data distribution between its users.

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